

LISTA LUCRĂRILOR

1. PUBLICAȚII ÎN REVISTE ISI

1. **E. Vlasceanu**, N. Buzbuchi. (2019). *Application of numerical hydrodynamic models in the study of the marine currents in Romanian black sea area*. **In press** in JEPE journal.
2. Razvan Mateescu, **Elena Vlasceanu**, Liliana Rusu. *Analysis-based results on the delineation of prearrangement areas for marine renewable energy installations in the Western Black Sea Basin*. **ICACER 2018**, Barcelona, Spain, 6 – 8 April 2018. Editors: W. Cui. E. Rusu. E3S Web of Conferences, Volume 51
3. Niculescu, D., **Vlasceanu, E.**, Petrila, M., Mateescu, R., Omer, I., Dimache, A. Iancu, I. (2017). *Unmanned aeral vehicle (UAV) technology in monitoring of coastal cliffs*. Journal of Environmental Protection and Ecology. F.I. = 0.774,18. No. 3, pp. 1202-1212. <http://www.jepe-journal.info/journal-content/vol-18-no-3>
4. I. Omer, D. Niculescu, **E. Vlasceanu**, T. Cristescu, R. Mateescu. (2016). *Marine pollution risks assessment in the Romanian coastal zone*. Journal of Ecology and Environment Protection, Vol 17, (3)/2016: ISBN1311-5065, 911–921 Impact factor is: 0.838 <http://www.jepe-journal.info/vol-17-no-3>.
5. Omer, I., Mateescu, R., Rusu, L., Niculescu, D., **Vlăsceanu, E.** (2015). *Coastal works extensions on the Romanian touristic littoral, its ecological impacts on the nearshore bathing areas*. Journal of Environmental Protection and Ecology, Vol 16, (2): 417-424, ISBN1311-5065, <http://www.jepe-journal.info/vol-16-no2-2015>
6. M.-L. Lungu, A. Vasilachi, R. Vlasceanu, R. Mateescu, **E. Vlasceanu**, D. Niculescu, E. Memet. (2015). *Hydro-morphological risk phenomena induced by the climatic changes within Romanian Black Sea coastal zone*. Journal of Ecology and Environment Protection) Vol 16, (4): 1307-1314, ISBN1311-5065, <http://www.jepe-journal.info/vol-16-no-4-2015>
7. **E. Vlasceanu**, D. Niculescu, S. Petrisoiaia, A. Spinu, R. Mateescu, M.-L. Lungu, A. Vasilache, R. Vlasceanu, E. Memet. (2015). *Romanian shore vulnerability due to storm induced erosion within the last decades*. Journal of Ecology and Environment Protection) Vol 16, (4): 1468-1478, ISBN1311-5065, <http://www.jepe-journal.info/vol-16-no-4-2015>.

2. PUBLICAȚII ÎN VOLUMELE UNOR CONFERINȚE INDEXATE WOS

8. **PhD Student Elena Vlasceanu**, PhD Student Dragos Niculescu, Dr.Razvan Mateescu, Prof.Dr. Nicolae Buzbuchi (2019). *Complex assessment on the marine hydrological variability regime of the western Black Sea coastal zone, its support for the regional Marine Spatial Planning activities*. 19th International Multidisciplinary Scientific Geoconference SGEM 2019,

Conference proceedings, Volume 19, Issue 3.1. ISBN 978-619-7408-81-2, ISSN 1314-2704, DOI 10.5593/sgem2019/3.1, pg.97-104

9. **PhD Student Elena Vlasceanu**, Dr.Razvan Mateescu, Prof.Dr. Nicolae Buzbuchi, *Synergic remote sensing data routines for the validation of the hydrodynamic model's results, applied towards the Romanian maritime ports safe operations*. 19th International Multidisciplinary Scientific GeoConference SGEM 2019, Conference proceedings Volume 19, Issue 2.2. ISBN 978-619-7408-80-5, ISSN 1314-2704, DOI 10.5593/sgem2019/2.2, pg.647-653.
10. Angela Ivan, **Elena Vlasceanu**. *The monitoring of the shoreline evolution adjacent to maritime ports, in the context of marine storms intensification*. The 18th International Multidisciplinary Scientific GeoConference SGEM 02-08 July, 2018, Varna, Bulgaria, research areas: [Hydrology and Water Resources](#), Volume 18, Book 3.1, Pg.745-750, ISBN 978-619-7408-42-3, ISSN 1314-2704, DOI 10.5593 / sgem2018 / 3.1 / S12.097.
11. Angela Ivan, **Elena Vlasceanu**. *The model validations through the usage of the high-resolution remote sensing imagery on the marine processes* (2018). The 18th International Multidisciplinary Scientific Geo Conference SGEM 02-08 July, 2018, Varna, Bulgaria, research areas: Photogrammetry and Remote Sensing, Volume 18, Book 2.3. pg. 219-224, ISBN 978-619-7408-41-6, ISSN: 1314-2704, DOI: 10.5593/SGEM 2018/2.3/S10.028.
12. Niculescu, D., **Vlasceanu, E.**, Ivan, A., Buzbuchi, N., Omer, I. (2017). *Coastal works post-construction effectiveness validation in Eforie Bay area*. International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM. Vol. 17, Issue 31, pp. 129-136, <https://sgemworld.at/sgemlib/spip.php?article9500>.
13. Angela IVAN, **Elena VLASCEANU**, "Romanian shore's hydrodynamic classifications for balneary tourism purposes" 17th International Multidisciplinary Scientific Geo Conference SGEM 2017, Conference proceedings Volume 17, Issue 31, ISBN 978-619-7408-04-1, ISSN 1314-2734 DOI: 105593/sgem2017/31
14. Niculescu, D., **Vlasceanu, E.**, Omer, I., Mateescu, R. (2015). *The monitoring of the romanian littoral cliffs using automatic flight systems*. International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM Proceedings Book2 Vol. 1, pp. 1187-1194. <https://sgemworld.at/sgemlib/spip.php?article5740>.
15. **E.Vlasceanu**, I. Omer, D. Niculescu, E. Rusu, A. Ivan. (2015). *Modelling aspects of the hydro – geomorphological process and their impact on the evolution of the Romanian coastal eco - system on the black sea, in the context of the new climate change*. SGEM Proceedings Volume 2, Issue 3, 2015, pp. 667-674. <https://sgemworld.at/sgemlib/spip.php?article6096>.
16. Omer, I., Mateescu, R., **Vlasceanu, E.**, Niculescu, D., Rusu, E. (2015). *Hydrodynamic regime analysis in the shore area taking into account the new master plan implementation for the coastal protection at the Romanian shore*. ISBN 978-605-88990-6-3, SGEM Proceedings Book3 Vol. 2, pp. 675-682 <https://sgemworld.at/sgemlib/spip.php?article6097>.

17. **E.Vlasceanu**, D. Niculescu, I. Omer, E. Rusu, A. Ivan. (2015). *Offshore wave regime investigations towards safety port operations in the transitional zone of the Romanian coast*. SGEM Proceedings Volume 2, Issue 3, 2015, pp. 675-682. <https://sgemworld.at/sgemlib/spip.php?article6097>.
18. Mateescu R.D., Spinu A., Buga L., Niculescu D., Mihailov E., **Vlasceanu E.** (2014) Remote sensing applications for the ecosystem-based management process implementation in the Romanian Black Sea Coastal Zone. published in: Baltic International Symposium (BALTIC), 2014 IEEE/OES, 27-29 Mai 2014, Tallinn, Estonia. <https://ieeexplore.ieee.org/document/6887837>.

3. PUBLICAȚII ÎN JURNALE INDEXATE BDI

19. **Elena Vlasceanu**, Nicolae Buzbuchi, Razvan Mateescu, Alexandra Craciun, Simona Tascu, *Analysis-based results on the waves model applications for the Romanian shelf*, The 4th International Conference Water Across Time in Engineering Research, 21-23 iunie 2018 proceeding, pg. 43, ISBN 978-606-598-663-3, <http://revista-constructii.univ-ovidius.ro/conferinte/index.php/publication>.
20. Razvan Mateescu, Emanuela Mihailov, **Elena Vlasceanu**. *Earth observation products for the validation of the Hydrodynamics model applications on the Romanian shelf area*. Scientific Conference of Doctoral Schools, SCDS-UDJC-6th Edition, Dunarea de Jos Galati University, 7-8 June 2018, Galati 07/08.06.2018.
21. Răzvan MATEESCU, **Elena VLĂSCLEANU**, Dragos NICULESCU, Frank BROWNSCHEIG, Rodrigo FERNANDEZ, Dr. ing David BRITO. (2017). *Sistemul de Prognoză a Calității Apelor de Îmbăiere Aferente Plajei Mamaia*. Buletinul AGIR nr. 4, pp. 72-76. <http://www.agir.ro/buletine/2016.pdf>.
22. Dragoș Niculescu, Silică Petrisoia, Răzvan Mateescu, **Elena Vlăsceanu**. (2015). *Supravegherea de la distanță a zonelor de risc geomorfologic, aferente țărmului românesc cu faleze*. Buletinul AGIR nr. 4, pp.28-31. <http://www.agir.ro/buletine/2428.pdf>.
23. Ion GRIGORAȘ, Dragos Niculescu, **Elena Vlăsceanu**, Răzvan Mateescu, Marian Mierlă. (2016). *Dezvoltarea unei baze de date GIS pentru zona costieră a Rezervației Biosferei Delta Dunării*. Buletin AGIR nr. 2, ISSN – L 1224-7928. <http://www.agir.ro/buletine/2676.pdf>.
24. Răzvan Mateescu, Dragoș Niculescu, **Elena Vlăsceanu**, Emanuela Mihailov. (2016). *Capacități specifice tehnologiilor de observare a pământului, create în cadrul centrului de competență COSMOMAR, în vederea dezvoltării durabile a zonelor marine și costiere românești*. Buletin AGIR nr. 3, ISSN – L 1224-7928. <http://www.buletinulagir.agir.ro/articol.php?id=2801>

25. Răzvan Mateescu, **Elena Vlăsceanu**, Dragoș Niculescu, Silica Petrișoia. (2015). *Aplicații spațiale de observare a pământului, aplicate zonei marine și costiere românești*. Buletinul AGIR nr. 4 pp. 22-27. <http://www.agir.ro/buletine/2427.pdf>.

26. Răzvan Mateescu, Laura Alexandrov, **Elena Vlăsceanu**, Dragoș Niculescu. (2015). *Atractivitatea și specificul peisajului natural aferent zonei costiere românești: sector Mamaia, natura vs. intervenția umană*. Buletinul AGIR nr. 1, pp. 91-95. <http://www.agir.ro/buletine/2187.pdf>.

27. **Elena Vlasceanu**, Dragoș Niculescu, Nicolae Buzbuchi. (2014). *Modelarea numerică a proceselor hidromorfologice, instrument științific al ingineriei de mediu și aplicațiile acestora la reconstrucția zonelor costiere deltaice cu sedimentare intense*. Buletinul AGIR nr. 4, pp. 12-16 <http://www.agir.ro/buletine/2153.pdf>.

28. R. Mateescu, D. Niculescu, **E. Vlasceanu**, Conf. Univ. Dr. Ing. Ichinur Omer. (2014). *Utilizarea sistemelor automate de zbor în supravegherea integrată a mediului zonei costiere*. Buletinul AGIR nr. 4, pp. 65-69. <http://www.agir.ro/buletine/2163.pdf>

4. CĂRTI (CAPITOLE TEORETICE REDACTATE) PUBLICATE PE PLAN LOCAL SAU PE WEB

29. Alina Daiana Spinu, Razvan Doru Mateescu, Mihaela Laurenta Alexandrov, Victor Nita; Contributii: Luminita Lazar, Valentina Coatu, Andra oros, Oana Marin, Emanuela Mihalov, Tania Zaharia, Danut Diaconeasa, Mariana Golumbeanu, Laura Boicenco, Eugen Anton, Gheorghe Radu, Dragoș Niculescu, **Elena Vlasceanu** (2018). *CASE STUDY 1 EFORIE - COASTAL EROSION*, in press, ISBN 978-606-565-131-9.